

Appl. No. 10/604,918
Amdt. dated March 2, 2005
Reply to Office action of February 03, 2005

Amendments to the Specification:

Please substitute Title of the specification with the following amended Title:

“VERTICAL-TYPE BACKLIGHT UNIT HAVING REMOVABLE LAMP MODULE CARTRIDGES”

- 5 Please substitute Paragraph [0005] with the following amended text:

Referring to Fig. 1, it is a cross-sectional view of a vertical back light module 10 50 according to the prior art. The vertical back light module 10 50 is disposed under a display panel 12 and comprises a plurality of lamp tubes 14, a diffusing plate 16 56, and a reflection plate 18. The lamp tubes 14 are arranged in a close chamber 30 defined by the
10 diffusing plate 16 56 and the subjacent metal reflection plate 18. The reflection plate 18 is utilized for upwardly reflecting the light source generated by the lamp tubes 14 and thereby increase the light use efficiency of the back light module 10 50. The diffusing plate 16 56 is employed for scattering the light source to the display panel 12. Typically, the diffusing plate 16 56 is made of acrylic or propylene carbonate (PC) having a light
15 transmittance of about 50% to 80%. In some cases, a diffusing sheet 20 and an optical film 22 are disposed over the diffusing plate 16 56. Typically, the diffusing sheet 20, which is made of acrylic or PC, has a higher light transmittance than that of the diffusing plate 16 56 and has a thickness of about 0.11mm to 0.15mm.

Please substitute Paragraph [0006] with the following amended text:

- 20 However, the above-described prior art vertical backlight unit 10 50 has a drawback in that it is time-consuming and very inconvenient to change the lamp tubes. When one of the lamp tubes does not function well or becomes out of order, the users have to carefully remove the display panel 12, the diffusing sheet 20, the optical film 22, and then the diffusing plate 16 56 from the housing with a screw or other like tools to replace it with a

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new one. Occasionally, some people abandon the whole liquid crystal display device that only has one or two lamp tubes out of order because they don't know how to change the lamp tubes. In light of the foregoing, it becomes apparent that there is a need for an improved vertical backlight unit module that is convenient for the users to change lamp
5 tubes when some of which are out of order.